



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Muramatsu et al.  
Serial No.: 09/817,947  
Filed: March 27, 2001  
Title: **SUBSTRATE FOR MOUNTING ELECTRONIC  
PARTS THEREON AND METHOD OF  
MANUFACTURING SAME**  
Examiner: Jeremy C. Norris  
Art Unit: 2827  
Paul & Paul Doc. No.: 078-01

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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In the interest of full disclosure, the following items are herewith identified in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98 for consideration by Examiner. The filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to the patentability as defined in § 1.56(b).

Also enclosed is a copy of the search report issued by the European Patent Office.

U.S. PATENTS

Patent Number

Date

5,079,065

January 7, 1992

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February 22, 2000

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October 27, 1998

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January 30, 1996

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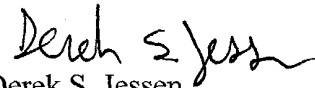
**FOREIGN PATENTS**

International App. No. EP 0 568 311, published on November 3, 1993.

International App. No. GB 1,042,234, published on September 14, 1966.

International App. No. JP 10041605, published on February 13, 1998. An English language abstract of the Japanese Patent App. No. 10041605.

Respectfully submitted,



Derek S. Jessen

Reg. No. 48,213

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Date: April 24, 2003

**STATEMENT UNDER 37 CFR 1.97(e) ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT**

Docket No.  
078-01

In Re Application Of: **Muramatsu et al.**

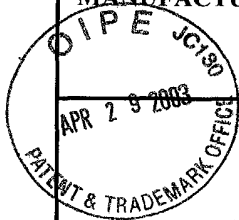
Serial No.  
09/817,947

Filing Date  
March 27, 2001

Examiner  
Jeremy C. Norris

Group Art Unit  
2827

Invention: **SUBSTRATE FOR MOUNTING ELECTRONIC PARTS THEREON AND METHOD OF  
MANUFACTURING SAME**



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

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This is a statement under the provisions of 37 CFR 1.97(e) in the above-identified application.

Check applicable statement herebelow:

Statement Under 37 CFR 1.97(e)(1)

- ☒ Each item of information contained in the accompanying information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

Statement Under 37 CFR 1.97(e)(2)

- ☐ No item of information contained in the accompanying information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned person, after making reasonable inquiry, no item of information contained in the accompanying information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

*Derek S. Jessen*  
Signature

Dated: April 24, 2003

Derek S. Jessen  
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I certify that this document is being deposited on  
April 24, 2003 with the U.S. Postal Service as first  
class mail under 37 C.F.R. 1.8 and is addressed to the  
Assistant Commissioner for Patents, Washington, D.C.  
20231.

Signature of Person Mailing Correspondence

Dara Salgado

Typed or Printed Name of Person Mailing Correspondence

CC:

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

078-01

Application Number

09/817,947

Applicant(s)

Muramatsu et al.

Filing Date

March 27, 2001

Group Art Unit

2827

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,079,065	01/07/1992	Masakazu et al.	428	137	
		6,027,858	02/22/2000	Jones et al.	430	311	
		5,826,330	10/27/1998	Isoda et al.	29	852	
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REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	EP 0,568,311	11/03/1993	EP	-	-	✓	
	GB 1,042,234	09/14/1966	GB	-	-	✓	
	JP 10,041605	02/13/1998	JP	-	-	✓	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

09/817947



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 01 30 2775

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 5 079 065 A (MASAKAZU ET AL.) 7 January 1992 (1992-01-07) * column 9, line 12 - line 18; claim 24; figures 10,11 *	1-5,9	H05K3/46
Y	---	6-8,10, 11	
Y	US 6 027 858 A (JONES ET AL.) 22 February 2000 (2000-02-22) * figures *	6-8	
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A	---	10	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
X	US 5 665 525 A (PIENIMAA) 9 September 1997 (1997-09-09) * claims; figures *	1-5,9	H05K
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X	EP 0 568 311 A (NIPPON CMK CORP.) 3 November 1993 (1993-11-03) * claims; figures *	1,5	
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A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06, 30 April 1998 (1998-04-30) & JP 10 041605 A (HITACHI AIC INC), 13 February 1998 (1998-02-13) * abstract *	1-4,6,7	
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>20 March 2003</b>	Examiner <b>Mes, L</b>
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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EPO FORM 1503 03.02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 30 2775

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

20-03-2003

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European Patent  
Office

## EUROPEAN SEARCH REPORT

Application Number  
EP 01 30 2775

DOCUMENTS CONSIDERED TO BE RELEVANT			
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 20 March 2003	Examiner Mes, L
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)